

THE CLAY PRODUCTS OF THE DOMINION

COMMERCIAL CLAYS FOUND EVERYWHERE.

Manufacturing Centres Are St. John, N.B.; St. John's, Que.; and Medicine Hat, Alberta.

A young Canadian industry which is making successful headway and promises to fill an important place among Canadian manufacturers is that of clay and clay products which at the same time, from Canada's raw material, offers opportunity for expansive development and investment of capital. Not only is the home industry beginning to meet domestic requirements more adequately, but from the excellent standard set by her products is penetrating with much success into the foreign export field.

The total value of the clay and clay products industry in Canada for the year 1920 was \$10,523,271 as compared with \$7,906,366 in 1919, or an increase of roughly 33 per cent. The 1919 production in turn showed an increase of 67 per cent. over the 1918 figures, which is illustrative of how this young industry is growing. In the production of last year, common brick accounts for \$4,868,958 of the total revenue; pressed brick, \$1,756,760; fire proofing, \$591,216; hollow building blocks, \$284,163; kaolin, \$15,022; terra-cotta, \$120,875; pottery, \$207,410; sewerpipe, \$1,549,090; drain tile, \$619,442; and other products, \$517,335.

Valuable Commercial Deposit.

Canada is fortunate in the possession of valuable commercial clays, deposits being found all over her wide area. These consist of fire clay, brick and tile clays, and earthenware clays. Fire clay occurs at Shubenacadie and Middle Musquodoboit, in Nova Scotia, and several localities in Southern Saskatchewan, as well as at Clayburn, B.C. It is also known to occur on the Mattagami and Missinibi rivers in Northern Ontario and on the Athabasca river below Fort McMurray. Semi-refractory clays occur in the coal measures at Westville, Nova Scotia, at Flower Cove and Minto, New Brunswick, and at several points in Southern Saskatchewan and Nova Scotia.

Fire clays are used most generally and extensively in industrial furnaces, blast furnaces, crucible melting furnaces, the layers and bottoms of Bessemer converters, the furnace used in the lime, glass, clay and cement industries, lead refinery furnaces, for flues, boiler settings, linings of stacks, household grates, etc. Brick and tile clays are used in the manufacture of building brick, paving brick, sewer pipe, drain tile, chimney linings, chimney tops, etc. Earthenware clays are used in the manufacture of pottery such as crocks, jars, churns, etc., tiles or blocks of flooring, architectural terra-cotta, etc.

Import and Export.
Canada's imports of clay in 1920 totalled \$672,782 in value, china clay accounting for \$242,441; fire clay, \$276,139; pipe clay, \$2,442; and other clays \$151,760. Her total imports of clay products amounted in value to \$10,781,592, of this amount \$5,967,492 being purchased from the United Kingdom; \$4,805,451 from the United States; and from all other countries \$908,649.

In her export trade Canada sent away to other countries clay and clay products to the extent of \$323,989, of which total \$4,678 went to the United Kingdom; \$240,128 to the United States; and \$79,183 to other countries. Compared to this export trade, the \$99,134 worth of building brick; \$2,516 worth of clays unmanufactured; manufactured clays to the extent of \$157,089; and earthenware and all manufactures of mounting to \$65,250. Exports of foreign produce in clay and clay products amounted to \$52,707.

The Manufacturing Centres.

The centres about which the clay manufacturing industry revolves in Canada are St. John, New Brunswick; St. John's, Quebec; and Medicine Hat, Alberta. These three points are responsible for practically the entire Canadian output of clay products. The pebble province industry, which draws its raw material from deposits just over the border in Saskatchewan, is an aggressive concern which has forged ahead until, according to the claims of its management, it accounts for seventy-five per cent. of the Dominion output. Supplying the western provinces it has also successfully penetrated the east and finds a market in Ontario points, giving a good account of itself in competition with the imported article. Its products have also found a market in the United States.

The increase in Canadian clay products production exhibits the movement to meet domestic needs in this regard but the still enormous importations of these same products point out clearly the wide field still left for expansion in this industry, which has all the aid required in the Dominion's wealth of various clays.

The Mohammedan year is shorter than ours by nearly eleven days.

WHEN NERVES ARE NEAR EXHAUSTION

A Tonic Should be Taken to Enrich the Blood.

When you become so exhausted after a day's work that you cannot sleep, or sleep fails to refresh you, it is time to look after your health. Failure to act at once means a steady drain on your health reserve, which can result in but one thing—a nervous breakdown.

Do not wait for a breakdown. The treatment is simple enough if you do not let your condition become too far advanced. The treatment is one of nutrition of the nerve cells, requiring an effective tonic. As the nerves have to be nourished by the blood, the vital fluid must be built up. Dr. Williams' Pink Pills act directly on the blood, and with proper regulation of the diet have proved of the greatest benefit in nervous troubles.

Mrs. Mary McAdam, Sydney Mines, N.S., is one of the many who has proved this tonic treatment. She says: "Last winter my health completely gave out. I was all run down and my nervous system in a condition that greatly alarmed me. I often had nervous headaches, and at times severe pains in the region of my heart. I felt as though I would never be well again. My husband got me a supply of Dr. Williams' Pink Pills and before the second box was finished I began to improve and under a further use of the pills I felt as well as ever. I would advise all weak and nervous women to give this medicine a trial."

You can get Dr. Williams' Pink Pills through any dealer in medicine, or by mail, post paid, at 50 cents a box or six boxes for \$2.50 from The Dr. Williams' Medicine Co., Brockville, Ont.

Canada has over 38,000 miles of railway, or one mile for every 224 persons.

Minard's Liniment for Distemper.

Surnames and Their Origin

FILMORE
Variations—Filmer, Fullmer, Fulmer. Racial Origin—English. Source—A locality.

More anciently, this family name had the variations "Fylmore" and "Fylmour," but these spellings apparently have disappeared completely in recent generations.

A quite plausible argument that this name is of Celtic origin and that it was developed from the words "fil," meaning a bard, and "mor," meaning great, has been advanced from time to time, the argument that some ancient ancestor of the Filmore was a "famous bard."

But the theory does not stand up in the light of research which shows first, no evidence of Celtic origin, and second, that there were so many "famous" bards among the Celts of England, Wales, Scotland and Ireland that it would have meant little for a man to refer to his ancestry in such vague terms.

But in the speech of the Saxons, "file" meant fertility as applied to the land and "mere" meant either a lake or a moist section of ground. It is easy to see, therefore, that the combination of these two words might easily have been applied by the Saxons to many spots in England as local names, and indeed there are records to be found of several places so named. Quite naturally the surname arose as indicating residence at or near such a spot.

Fulmer and Fulmer are sometimes variations of Filmore, but also have

The Common Things.

The common things of life are all so dear!

The waking in the warm half-gloom To find again the old familiar room, The scents and sights and sounds that never tire.

The crackle of the open fire, The homely work, the lit of baby's bliss.

The waiting, then the footsteps coming near, The opening door, the handclasp and the kiss—

Is Heaven not, after all, the now and here, The common things of life are all so dear!

A New Danger Signal.

At a bad curve a night danger signal, successful in attracting the attention of motorists, is a red reflector so placed that the lights of approaching automobiles are reflected in it a hundred feet before the point of danger is reached. As the lights of the car strike the red mirror the signal flashes for a few moments and then, passing out of focus, it fades into the darkness.

Too Short Notice.

Sammy's father met him just as he was trying to steal unnoticed into the house after a harrowing experience with a mud puddle. "Well, sir," he inquired grimly, "and where have you been?" "I—I fell in a mudhole."

"What! And with your new trousers on!"

"Yes, sir; I didn't have time to take 'em off."

Not So Catching.

"I hear your father is ill." "Yes, quite ill." "Contagious disease?" "I hope not; the doctor says it's overwork."

MONEY ORDERS.

Pay your out-of-town accounts by Dominion Express Money Order. Five Dollars costs three cents.

HEALTHY CHILDREN ARE HAPPY CHILDREN

The well child is always a happy child—it is a baby's nature to be happy and contented. Mothers, if your little ones are cross and peevish and cry a great deal they are not well—they are in need of medicine—something that will set their bowels and stomach in order, for nine-tenths of all childhood ailments arise from a disordered state of the bowels and stomach. Such a medicine is Baby's Own Tablets. They are a mild but thorough laxative which regulate the bowels, sweeten the stomach, and thus drive out constipation, colic, indigestion; break up colds and simple fevers and make the baby healthy and happy. Concerning them, Mrs. Albert Hamel, Pierreville, Que., writes:—"Baby's Own Tablets are the best medicine I know of for little ones. They relieved my little girl from constipation when nothing else would, and I can strongly recommend them to other mothers." The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Wisps of Wisdom.

Luck is pluck's shadow. Fear pays no dividends. Don't expect applause. Deserve it. He who sows courtesy reaps friendship.

When in doubt mind your own business.

Incompetence springs from indifference.

Sorrows, like babies, grow bigger by nursing.

Triumph is satisfying only if it leads to further victories.

The man who is not afraid of failure seldom has to face it.

Luxuries breed laziness and laziness breeds failure.

The longer you gaze on an obstacle the bigger it becomes.

There's no ill-luck in turning back if you are on the wrong road.

To make a mistake, then wait about it to make two mistakes.

Unless you conduct your business in a way that profits your character, your other profits won't do you much good.

Convenient Barns.

When it comes to building convenient barns we must take off our hats to the Hollanders. For instance, they construct their stables so as to have a covered shed with only a low partition between immediately behind the cow stalls. The manure is thrown from the stables into this shed, where it is trampled upon by the animals running loose. This arrangement not only makes for convenience in cleaning the barns, but it also preserves the manure in the best possible shape and makes it possible to remove it when desired.

Once a Week.

Angry Purchaser—"Didn't you tell me that you had got as many as twelve eggs in one day from those eight hens you sold me?"

Poultry Raiser—"Yes, ma'am."

Angry Purchaser—"Then why is it that I'm never able to get more than two eggs from them and sometimes not many more than one?"

Poultry Raiser—"I don't know, ma'am, unless it's because you look for eggs too often. Now, if you look for them only once a week I feel quite positive that you will get just as many eggs in one day as I did."

Efficiency.

It ain't a senseless hoardin' Nor stinging of our need, But efficiency in spendin' That should become our creed.

Minard's Liniment for Colds, etc.

Barber Business Barometer.

Barbers claim that their trade is one of the best barometers of general business conditions. When times are bad men let their hair go much longer without attention.

The loss of two consecutive nights' sleep puts a strain on the human body from which it takes fifteen days to recover.

Dumb-bells were first used, it is said, in the time of Queen Elizabeth, the earlier forms being sticks loaded with lead at the ends, these being bell-like in shape.

New York City has 281,121 persons ten years old and above unable to write in English or any other language.

Deputy Fire Marshall Lewis of Ontario says "The most prolific cause of preventable fires in all walks of life is unquestionably the careless user of matches."

A net total of \$38,925.50 will be distributed between the Disabled Soldiers' Employment Association of Montreal and the Children's League of Paris as the result of collections from the sale of poppies on Armistice Day in the province of Quebec.

A new market for Canadian granite is being developed by the Granite Island Quarries of Jervis Inlet, British Columbia. Sample blocks sent to Australia and New Zealand were very well received, because of splendid coloring and freedom from rust stains and from them have come the orders. The last ship to Australia carried a comparatively large consignment.

BITS OF HUMOR FROM HERE & THERE

Quite Right.
Teacher—"What is a coat of mail?" Bright Boy—"I know."
Teacher—"Well, tell us, Percival." Bright Boy—"It's a knight shirt."

Infant Curiosity.
"I've got to go home and lick my boy."
"Why, I didn't know that was done now."
"It isn't; but he's taking a course in psychology and he said he wanted to know how it felt."

His Difficulty.
Real Estate Agent—"This tobacco plantation is a bargain. I don't see why you hesitate. What are you worrying about?"
Purchaser—"I was just wondering whether I should plant cigars or cigarettes."

Moth Food.
Teacher—"Now, boys, what creature is satisfied with the least amount of nourishment?"
Up shot the hand of Johnnie Thompson, the dunce of the class.
"Well, Johnnie," said the teacher, "and what creature is it?"
"The moth, miss," replied Johnnie, "becos it only eats 'oles."

Very Ignorant.
A little girl was spending a night away from home. When it was time to go to bed she knelt at the knee of her hostess to say her prayers, expecting the usual prompting.
This not coming, she was heard to remark: "Please 'scuse me. I can't."

Mother! Clean Child's Bowels With California Fig Syrup
Even a sick child loves the "fruity" taste of "California Fig Syrup." If the little tongue is coated or if your child is listless, cross, feverish, full of cold, or has colic, give a teaspoonful to cleanse the liver and bowels. In a few hours you can see for yourself how thoroughly it works all the constipation poison, sour bile and waste out of the bowels, and you have a well, playful child again.

Millions of mothers keep "California Fig Syrup" handy. They know a teaspoonful today saves a sick child tomorrow. Ask your druggist for genuine "California Fig Syrup" which has directions for babies and children of all ages printed on bottle. Mother! You must say "California" or you may get an imitation fig syrup.

PNEUMONIA
and other Lung Diseases
Claim many victims in Canada and should be guarded against.

MINARD'S LINIMENT
Is a great preventative, being one of the oldest remedies used. Minard's Liniment has relieved thousands of cases of Grippe, Bronchitis, Sore Throat, Asthma and kindred diseases. It is an enemy to Germs. Thousands of bottles being used every day. For sale by all druggists and general dealers. Minard's Liniment Co., Ltd. Yarmouth, N.S.

COARSE SALT LAND SALT
Bulk Carlots
TORONTO SALT WORKS
C. J. CLIFF - TORONTO

America's Pioneer Dog Remedies
Look on
DOG DISEASES
and How to Feed
Mail Free to Any Address by the Author.
E. Clay Glover Co., Inc.
118 West 21st Street
New York, U.S.A.

Cuticura Will Help You Look Your Best
Make the Cuticura Trio your everyday toilet preparations and watch your skin, hair and hands improve. The Soap to cleanse and purify, the Ointment to soothe and heal, and the Talcum to powder and perfume.

Genuine BAYER ASPIRIN

Never say "Aspirin" without saying "Bayer."

WARNING! Unless you see name "Bayer" on tablets, you are not getting Aspirin at all. Why take chances?

Accept only an "unbroken package" of "Bayer Tablets of Aspirin," which contains directions and dose worked out by physicians during 21 years and proved safe by millions for

Colds Headache Rheumatism
Toothache Neuralgia Neuritis
Earache Lumbago Pain, Pain

Handy tin boxes of 12 tablets—Bottles of 24 and 100—All Druggists.
Aspirin is the trade mark (registered in Canada) of Bayer Manufacturing Co. of Germany. While it is well known that Aspirin is a Bayer product, to assist the public against imitations, the Tablets of Bayer Company will be stamped with the general trade mark, the "Bayer Cross."

remember my prayer, and I'm staying with a lady that don't know any."

Buttons Not Needed.
There had been a missionary sermon and collection in the church. A little girl who had been there seemed perplexed and thoughtful. When she reached home she asked her mother whether the people of Africa, of whom she heard, wore clothes.

"No," replied the mother.
"Then," said the child, "what is the use of the button that father put in the plate?"

An Experienced Child.
Mrs. Jones was entertaining some of her son's little friends. "Willie," she said, addressing a six-year-old, who was enjoying a plate of cold beef, "are you sure you cut your own meat?"

The child, who was making desperate efforts with his knife and fork, replied: "Yes, thanks. I've often had it as tough as this at home."

A Narrow Escape.
A lady who kept a little curly poodle lost her pet and called on the police to find it. The next day one of the force came with the dog very wet and dirty. The lady was overjoyed, and asked a number of silly questions, one being: "Where did you find my darling?"

"Why, Ma'am," said the officer, a fellow had him on a pole and was washing windows with him!"

ACHES AND PAINS—SLOAN'S GETS 'EM!
AVOID the misery of racking pain. Have a bottle of Sloan's Liniment handy and apply when you first feel the ache or pain. It quickly eases the pain and sends a feeling of warmth through the aching part. Sloan's Liniment penetrates without rubbing.

Fine, too, for rheumatism, neuralgia, sciatica, sprains and strains, stiff joints, lame back and sore muscles. For forty years Sloan's enemy. Ask your neighbor.

At all druggists—35c, 70c, \$1.40. Made in Canada.

Sloan's Liniment

"Cascarets" to-night For Liver, Bowels
You're bilious! You are headachy, constipated, your eyes burn, skin is yellow; your stomach is sour, gassy, upset. No wonder you feel miserable. You need a thorough physic with "Cascarets" to-night to cleanse the stomach of sour, fermenting food and foul gases; take the excess bile from the liver and carry out of the system all the constipated poison in the bowels. Get a 10-cent box now and let "Cascarets" straighten you out by morning.

THIN, FLAT HAIR GROWS LONG, THICK AND ABUNDANT

"Danderine" costs only 35 cents a bottle. One application ends all dandruff, stops itching and falling hair, and, in a few moments, you have doubled the beauty of your hair. It will appear a mass, so soft, lustrous, and easy to do up. But what will please you most will be after a few weeks use, when you see new hair—fine and downy at first—yes, but really new hair growing all over the scalp. "Danderine" is to the hair what fresh showers of rain and sunshine are to vegetation. It goes right to the roots, invigorates and strengthens them. This delightful, stimulating tonic helps thin lifeless, faded hair to grow long, thick, heavy and luxuriant.

I SUFFERED FIVE YEARS

Finally Was Restored to Health by Lydia E. Pinkham's Vegetable Compound.

Paris, Ont.—"For five years I suffered from pains caused by displacement of my organs and in my back. All of this time I was unfit for work and was taking different medicines that I thought were good. I saw the advertisement in the papers of Lydia E. Pinkham's Vegetable Compound and took it faithfully. I am now in perfect health and do all my own work. I recommend it to others, and give you permission to publish this letter in your little books and in the newspapers as a testimonial."

Mrs. D. CASSADY, Box 461, Paris, Ont.

Why women will continue to suffer so long is more than we can understand, when they can find health in Lydia E. Pinkham's Vegetable Compound.

For forty years it has been the standard remedy for female ills, and has restored the health of thousands of women who have been troubled with such ailments as displacements, inflammation, ulceration, irregularities, etc.

If you want special advice write to Lydia E. Pinkham Medicine Co. (confidential), Lynn, Mass. Your letter will be opened, read and answered by a woman and held in strict confidence.

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MRS. MARY WILHELM
Pittsburg, Pa.

"No matter what I should say about Tanlac, it wouldn't be half good enough," said Mrs. Mary Wilhelm, 716 Minn. Way, South Side, Pittsburg, Pa.

"I never dreamed it possible for a medicine to restore me to the splendid health I now enjoy. In fact, I had almost resigned myself to being an invalid, as I could see I was losing weight and strength every day, and no relief was in sight. For three years stomach trouble, headaches and nervousness made my life miserable."

"The first bottle of Tanlac acted almost like magic and it wasn't long until I was so well and strong that I could hardly realize I had ever known a sick day. I am like a different person in every way now, eating, sleeping, feeling and looking better than in years."

Tanlac is sold by leading druggists everywhere. Adv.

Classified Advertisements.

PLAYER PIANO FOR SALE.

BELL PLAYER PIANO IN GOOD condition, with a large number of music rolls, for sale at a bargain. L. Costello, 75 West Adelaide Street, Toronto.

BELTING FOR SALE

ALL KINDS OF NEW AND USED belting, pulleys, saws, cable, hose, packing, etc., shipped subject to approval at lowest prices in Canada. YORK BELTING CO., 115 YORK STREET, TORONTO.

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